

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: March 1, 2001, 16:19:16 ; Search time 46.88 Seconds

Perfect score: US-09-331-631A-37

Sequence: 1 CXXCXXXXXXCXXX 20

Scoring table: BLOSUM62DX

Gapop 10.0 , Gapext 0.5

Searched:

174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA:*

1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep;*
 2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep;*
 3: /cgn2_6/ptodata/2/iaa/6_COMB.pep;*
 4: /cgn2_6/ptodata/2/iaa/PCTUS.COMB.pep;*
 5: /cgn2_6/ptodata/2/iaa/backFiles1.pep;*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	52	100.0	38	2	US-08-902-516-47
2	52	100.0	41	4	PCT-US96-01720-7
3	52	100.0	47	4	PCT-US96-08811-2
4	52	100.0	55	2	US-08-365-8294-1
5	52	100.0	57	3	US-08-121-1
6	52	100.0	61	2	US-08-785-530-1
7	52	100.0	61	2	US-08-785-530-3
8	52	100.0	61	2	US-08-785-530-4
9	52	100.0	61	2	US-08-785-530-5
10	52	100.0	61	2	US-08-785-530-6
11	52	100.0	61	2	US-08-123-850-1
12	52	100.0	61	2	US-08-123-850-3
13	52	100.0	61	2	US-08-123-850-4
14	52	100.0	61	2	US-09-123-850-5
15	52	100.0	61	2	US-09-123-850-6
16	52	100.0	68	1	US-07-924-063A-1
17	52	100.0	68	1	US-08-128-340B-2
18	52	100.0	68	1	US-08-188-30-131
19	52	100.0	70	3	US-08-527-044-2
20	52	100.0	102	3	US-08-94-022-53
21	52	100.0	109	2	US-08-94-022-53
22	52	100.0	109	3	US-08-94-022-53
23	52	100.0	203	3	US-08-331-625A-11
24	52	100.0	219	2	US-08-816-603-2
25	52	100.0	254	2	US-08-767-026-7
26	52	100.0	255	1	US-08-236-918A-8
27	52	100.0	255	2	US-08-816-603-9
28	52	100.0	4	PC-US96-03965-8	

ALIGNMENTS

RESULT 1	US-08-902-516-47	Sequence 47, Application US/08902516
		; Patent No. 5891432
		; GENERAL INFORMATION:
		; APPLICANT: Soo Hoo, William
		; TITLE OF INVENTION: MEMBRANE-BOUND CYTOKINE COMPOSITIONS
		; TITLE OF INVENTION: COMPRISING GM-CSF AND METHODS OF MODULATING AN IMMUNE
		; NUMBER OF SEQUENCES: 50
		; CORRESPONDENCE ADDRESS:
		; ADDRESSEE: CAMPBELL & FLORES, LLP
		; STREET: 4370 La Jolla Village Drive, Suite 700
		; CITY: San Diego
		; STATE: California
		; COUNTRY: United States
		; ZIP: 92121
		; COMPUTER READABLE FORM:
		; MEDIUM TYPE: Floppy disk
		; COMPUTER: IBM PC compatible
		; OPERATING SYSTEM: PC-DOS/MS-DOS
		; SOFTWARE: PatentIn Release #1.0, version #1.25
		; CURRENT APPLICATION DATA:
		; APPLICATION NUMBER: US/08/902.516
		; FILING DATE: 29-JUL-1997
		; CLASSIFICATION: 424
		; ATTORNEY/AGENT INFORMATION:
		; NAME: Campbell, Kathryn A.
		; REGISTRATION NUMBER: 31,815
		; REFERENCE/DOCKET NUMBER: P-IM 2442
		; TELECOMMUNICATION INFORMATION:
		; TELEPHONE: (619) 535-901
		; TELEFAX: (619) 535-8949
		; INFORMATION FOR SEQ ID NO: 47:
		; SEQUENCE CHARACTERISTICS:
		; LENGTH: 38 amino acids
		; TYPE: amino acid
		; TOPOLOGY: linear
		; MOLECULE TYPE: peptide
		; US-08-902-516-47
		Query Match Best Local Similarity 100.0%; Score 52; DB 2; Length 38;
		Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;
Qy	1	CXXCXXXXXXCXXX 20
Db	16	CACCAACCGCTCACCCATC 35

RESULT 2
 PCT-US96-01720-7
 Sequence 7, Application PC/TUS9601720
 GENERAL INFORMATION:
 APPLICANT:
 TITLE OF INVENTION: MODIFIED-AFFINITY STREPTAVIDIN
 NUMBER OF SEQUENCES: 11
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT-US96/01720
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 08/387,055
 FILING DATE: 09-FEB-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Parmelee, Steven W.
 REGISTRATION NUMBER: 31,990
 REFERENCE/DOCKET NUMBER: 16336-5PC
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 47
 STRANDEDNESS: single
 TYPE: amino acid
 STRANDEDNESS: single
 LENGTH: 41 amino acids
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 PCT-US96-01720-7

Query Match 100.0%; Score 52; DB 4; Length 41;
 Best Local Similarity 20.0%; Pred. No. 90; Mismatches 0; Indels 0; Gaps 0;
 Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 CXXCXXXXXXXXXXXX 20
 Db 16 CGGCACCCACCGAAGCTAAC 35

RESULT 3
 PCT-US96-08811-2
 Sequence 2, Application PC/TUS9608811
 GENERAL INFORMATION:
 APPLICANT: VERNON, Leo P., RAEI, Eppie D. and
 APPLICANT: GASANOV, Sardar E.
 TITLE OF INVENTION: Pyricularia thiocin containing
 TITLE OF INVENTION: Immunotoxins and immunotoxin-like compounds
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MADSON & METCALF
 STREET: 950 First Interstate Building, 170 South
 CITY: Salt Lake City
 STATE: Utah
 COUNTRY: USA
 ZIP: 84101

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
 COMPUTER: IBM
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORDPERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/08811
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: L. Craig Metcalf
 REGISTRATION NUMBER: 31,398
 REFERENCE/DOCKET NUMBER: 1771.2 1a
 TELECOMMUNICATION INFORMATION:

Query Match 100.0%; Score 52; DB 4; Length 47;
 Best Local Similarity 20.0%; Pred. No. 1e-02; Mismatches 0; Indels 0; Gaps 0;
 Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 CXXXCXXXXXXXXXXXX 20
 Db 12 CYNVCRLLPGTISREICAKK 31

RESULT 4
 US-08-369-829A-1
 Sequence 1, Application US/08369829A
 Patient No. 5861377
 GENERAL INFORMATION:
 APPLICANT: Hans Fritz
 APPLICANT: Christian Sommerhoff
 APPLICANT: Jutta Hein
 TITLE OF INVENTION: No. 5861377 tel Inhibitor
 NUMBER OF SEQUENCES: 20
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: No. 5861377 artis Corporation
 STREET: 59 Route 10
 CITY: East Hanover
 STATE: New Jersey
 COUNTRY: US
 ZIP: 07936

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/369,829A
 FILING DATE: 6-JAN-95
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: EPO 94810005.0
 FILING DATE: 7-JAN-94
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 5861377ak, Henry P.
 REGISTRATION NUMBER: 33200

REFERENCE/DOCKET NUMBER: 4-19942/A/DIV
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (908) 277-5110
 TELEFAX: (908) 277-406
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 47
 TOPOLOGY: unknown
 MOLECULE TYPE: peptide
 ANTI-SENSE: no
 ORIGINAL SOURCE:
 ORGANISM: Pyricularia pubera
 TISSUE TYPE: leaves and nuts
 PUBLICATION INFORMATION:
 AUTHORS: Vernon, Leo P., Evett, Gary E., Zeikus,
 AUTHORS: Regina D. and Gray, William R.
 TITLE: A Toxic Thionin from Pyricularia pubera:
 TITLE: Purification, properties, and Amino Acid sequence
 JOURNAL: Archives of Biochemistry and Biophysics
 VOLUME: 238
 ISSUE: 1
 PAGES: 18-29
 DATE: April 1995
 PCT-US96-08811-2

LENGTH: 55 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FEATURE:
 NAME/KEY: Protein
 LOCATION: 1..55
 OTHER INFORMATION: /label= hirustasin
 ; US-08-369-829A-1

RESULT 5
 US-09-130-121-1
 ; Sequence 1, Application US/09130121
 Patent No. 6005320
 GENERAL INFORMATION:
 APPLICANT: Kang, Ke-Won
 APPLICANT: Jung, Hyo-Il
 APPLICANT: Hong, Seok-Jin
 APPLICANT: Kim, Dong-Ryoung
 APPLICANT: Lee, Ju-Yun
 TITLE OF INVENTION: A NOVEL ELASTASE INHIBITOR AND PROCESS
 TITLE OF INVENTION: FOR PREPARING THE SAME
 NUMBER OF SEQUENCES: 1
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Darby & Darby, P.C.
 STREET: 805 Third Avenue, 27th Floor
 CITY: New York City
 STATE: New York
 COUNTRY: USA
 ZIP: 10022-7513
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/130.121
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Ludwig, S. Peter
 REGISTRATION NUMBER: 0136/0B349
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 527-7770
 TELEX: 236687
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 55 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: Consensus
 CLONE: 977891
 ; US-08-785-330-1

Query Match 100.0%; Score 52; DB 2; Length 55;
 Best Local Similarity 20.0%; Pred. No. 1.2e+02;
 Matches 4; Conservative 16; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 CXXCXXXXXXCXCC 20
 |::|::|::|::|::|::|::|:
 Db 29 CRICKYGLKKDENGCEYPC 48

RESULT 6
 US-08-785-530-1
 ; Sequence 1, Application US/08785530
 ; Patent No. 5814480
 GENERAL INFORMATION:
 APPLICANT: Hillman, Jennifer L.
 APPLICANT: Gol, Surya K.
 TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Drive
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/785,530
 FILING DATE: Herewith
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749
 REFERENCE/DOCKET NUMBER: PF-0194 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-0555
 TELEX:
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 61 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: Consensus
 CLONE: 977891

Query Match 100.0%; Score 52; DB 2; Length 61;
 Best Local Similarity 20.0%; Pred. No. 1.3e+02;
 Matches 4; Conservative 16; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 CXXCXXXXXXCXCC 20
 |::|::|::|::|::|::|::|:
 Db 29 CRKSCCCPVGCAKCHGC 48

RESULT 7
 US-08-785-330-3
 ; Sequence 3, Application US/08785530
 ; Patent No. 5814480
 ; GENERAL INFORMATION:
 ; APPLICANT: Hillman, Jennifer L.
 ; APPLICANT: Gol, Surya K.
 ; TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE

Query Match 100.0%; Score 52; DB 3; Length 57;
 ; US-09-130-121-1

; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; IMMEDIATE SOURCE:
 ; LIBRARY: GenBank
 ; CLONE: 342385
 ; US-08-785-530-5

Query Match 100.0%; Score 52; DB 2; Length 61;
 Best Local Similarity 20.0%; Pred. No. 1. 3e+02;
 Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXCXXXC 20
 |:::|:::|:::|:::|:::|:::|
 Db 29 CKKSCCCSCPVGCAKCAOGC 48

RESULT 10
 US-08-785-530-6

Sequence 6, Application US/08785530
 Patent No. 581480

GENERAL INFORMATION:
 APPLICANT: Hillman, Jennifer L.
 APPLICANT: Gol, Surya K.
 TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE
 NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Drive
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS

SOFTWARE: Fasiseq for Windows Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/123,850

FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/785,530

ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 35,749

TELECOMMUNICATION INFORMATION:
 REFERENCE/DOCKET NUMBER: PF-0194 US
 TELEPHONE: 415-855-0555
 TELEFAX: 415-845-4166
 TELEX:

INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 61 amino acids
 TYPE: amino acid
 STRANDEDNESS: single

TOPLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: Consensus
 CLONE: 977891

US-09-123-850-1

RESULT 12
 US-09-123-850-3

Sequence 3, Application US/09123850
 Patent No. 5955428

GENERAL INFORMATION:
 APPLICANT: Hillman, Jennifer L.
 APPLICANT: Gol, Surya K.
 TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE
 NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Drive
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA

Query Match 100.0%; Score 52; DB 2; Length 61;
 Best Local Similarity 20.0%; Pred. No. 1. 3e+02;
 Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

QY 1 CXXXCXXXXXXCXXXC 20
 |:::|:::|:::|:::|:::|:::|
 Db 29 CKKSCCCSCPVGCAKCAOGC 48

RESULT 10
 US-08-785-530-6

Sequence 6, Application US/08785530
 Patent No. 581480

GENERAL INFORMATION:
 APPLICANT: Hillman, Jennifer L.
 APPLICANT: Gol, Surya K.
 TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE
 NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Drive
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA

Query Match 100.0%; Score 52; DB 2; Length 61;
 Best Local Similarity 20.0%; Pred. No. 1.3e+02; Mismatches
 Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXXXXXXXXXXXXXXXXC 20
 Db 29 CKKSCCSCCPVGCAKCAQGC 48

RESULT 15

US-09-123-850-6

Sequence 6, Application US/09123850
 Patent No. 5955428

GENERAL INFORMATION:

APPLICANT: Hillman, Jennifer L.

APPLICANT: Goli, Surya K.

TITLE OF INVENTION: A NOVEL HUMAN METALLOTHIONINE

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:

ADDRESSEE: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Drive

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/123,850

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/785,530

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Billings, Lucy J.

REGISTRATION NUMBER: 36,749

REFERENCE/DOCKET NUMBER: PF-0194 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-855-0555

TELEFAX: 415-845-4166

TELEX:

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 61 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: GenBank

CLONE: 305363

US-09-123-850-6

Query Match 100.0%; Score 52; DB 2; Length 61;
 Best Local Similarity 20.0%; Pred. No. 1.3e+02; Mismatches
 Matches 4; Conservative 16; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXXXXXXXXXXXXXXXXC 20
 Db 29 CKKSCCSCCPVGCAKCAQGC 48

Search completed: March 1, 2001, 16:19:17
 Job time: 510 sec

